

CANCER

- 1.F. Barnes and B. Greenenbaum, "[Some Effects of Weak Magnetic Fields on Biological Systems: RF fields can change radical concentrations and cancer cell growth rates.](#)" in *IEEE Power Electronics Magazine*, vol. 3, no. 1, pp. 60-68, March 2016.
- 2.Coureau et al., (2014). [Mobile phone use and brain tumours in the CERENAT case-control study.](#) *Occup Environ Med.* 71(7), 514-22.
- 3.Lerchl et al., (2015) [Tumor promotion by exposure to radiofrequency electromagnetic fields below exposure limits for humans.](#) Biochemical and Biophysical Research Communications, Available online 6 March 2015.
- 4.Morgan LL, Miller AB, Sasco A, Davis DL, [Mobile phone radiation causes brain tumors and should be classified as a probable human carcinogen \(2A\) \(review\).](#) *Int J Oncol.* 2015 May;46(5):1865-71. Epub 2015 Feb 25.
- 5.Carlberg M, Hardell L. [Decreased Survival of Glioma Patients with Astrocytoma Grade IV \(Glioblastoma Multiforme\) Associated with Long-Term Use of Mobile and Cordless Phones.](#) *International Journal of Environmental Research and Public Health.* 2014;
- 6.L. Hardell, M. Carlberg, [Cell and cordless phone risk for glioma - Analysis of pooled case-control studies in Sweden, 1997-2003 and 2007-2009,](#) *Pathophysiology* (2015), Available online 29 October 2014.
7. Lerchl et al., [Tumor promotion by exposure to radiofrequency electromagnetic fields below exposure limits for humans.](#) Biochemical and Biophysical Research Communications, Available online 6 March 2015.
8. Soffritti et al., [Life-span exposure to sinusoidal-50 Hz magnetic field and acute low-dose \$\gamma\$ radiation induce carcinogenic effects in Sprague-Dawley rats,](#) *International Journal of Radiation Biology.* Vol. 92, Iss. 4, 2016
9. Yakymenko et al.,(2015) [Oxidative mechanisms of biological activity of low-intensity radiofrequency radiation.](#) *Electromagnetic Biology and Medicine.* July 7,

REPRODUCTION

- 1.Adams J, Galloway T , Mondal D, Esteves S, Mathews F. (2014). [Effect of mobile telephones on sperm quality: A systematic review and meta-analysis.](#) *Environment International.* 80, 106-112.
- 2.Atasoy HI, Gunal MY, Atasoy P, Elgun S, Bugdayci G. (2013). [Immunohistopathologic demonstration of deleterious effects on growing rat testes of radiofrequency waves emitted from conventional Wi-Fi devices.](#) *Journal of Pediatric Urology.* 9(2), 223-9.
- 3.Avenidaño C, Mata A, Sanchez Sarmiento CA, Doncel GF.(2012). [Use of laptop computers connected to internet through Wi-Fi decreases human sperm motility and increases sperm DNA fragmentation.](#) *Fertility Sterility.* 97(1), 39-45.
- 3.Yüksel M, Nazıroğlu M, Özkaya MO. [Long-term exposure to electromagnetic radiation from mobile phones and Wi-Fi devices decreases plasma prolactin, progesterone, and estrogen levels but increases uterine oxidative stress in pregnant rats and their offspring.](#) *Endocrine.* 2015 Nov 14. [Epub ahead of print]
4. Odacı E, Hancı H, Yuluğ E, Türedi S, Aliyazıcıoğlu Y, Kaya H, Çolakoğlu S.[Effects of prenatal exposure to a 900 MHz electromagnetic field on 60-day-old rat testis and epididymal sperm quality.](#) *Biotech Histochem.* 2015 Oct 15:1-11.
5. Ziberlicht A, Wiener-Megnazi Z, Sheinfeld Y, et al. [Habits of cell phone usage and sperm quality – does it warrant attention?](#) *Reproductive BioMedicine.* Published online September 2015
- [Gul A, Celebi H, Uğraş S.\(2009\). The effects of microwave emitted by cellular phones on ovarian follicles in rats.](#) *Arch Gynecol Obstet.* 280(5), 729-33.

6. Bakacak M, Bostancı MS, Attar R, Yıldırım ÖK, Yıldırım G, Bakacak Z, Sayar H, Han A. [The effects of electromagnetic fields on the number of ovarian primordial follicles: An experimental study.](#) Kaohsiung J Med Sci. 2015 Jun;31(6):287-92. doi: 10.1016/j.kjms.2015.03.004. Epub 2015 Apr 30.

RADIO FREQUENCY ABSORPTION

1. Morris, R.D.; Morgan, L.L.; Davis, D.L., “[Children Absorb Higher Doses of Radio Frequency Electromagnetic Radiation From Mobile Phones Than Adults.](#)” in Access, IEEE , vol.3, no., pp.2379-2387, 2015 doi: 10.1109/ACCESS.2015.2478701

2. Fernandez-Rodriguez, C.E.; De Salles, A.A.A.; Davis, D.L., “[Dosimetric Simulations of Brain Absorption of Mobile Phone Radiation–The Relationship Between psSAR and Age.](#)” in Access, IEEE , vol.3, no., pp.2425-2430, 2015 doi: 10.1109/ACCESS.2015.2502900

3. Gandhi OP, Morgan LL, De Salles AA, Han YY, Herberman RB, Davis DL. (2012). [Exposure limits: the underestimation of absorbed cell phone radiation, especially in children.](#) Electromagn Biol Med. 31(1), 3451.

4. Juliana Borges Ferreira and Álvaro Augusto Almeida, [Specific Absorption Rate \(SAR\) in the head of Tablet user's](#) Proceedings of the 7th Latin American Workshop On Communications - 2015

5. Redmayne M, Johansson O. [Radiofrequency exposure in young and old: different sensitivities in light of age-relevant natural differences.](#) Rev Environ Health. 2015 Dec 1;30(4):323-35. doi: 10.1515/reveh-2015-0030.

6. Gandhi, Om. [Yes the Children are more exposed to radio-frequency energy from mobile telephones than adults.](#) IEEE Spectrum. PP(99):1. Jun 23, 2015.

7. Panagopoulos, D. J., Johansson, O., & Carlo, G. L. (2015). [Real versus Simulated Mobile Phone Exposures in Experimental Studies.](#) *BioMed Research International*, 2015, 607053. <http://doi.org/10.1155/2015/607053>

STRUCTURAL

1. Zhang (2015), [Exposure to 900 MHz electromagnetic fields activates the mcp-1/ERK pathway and causes blood-brain barrier damage and cognitive impairment in rats.](#) *Brain Res.* 2015 Mar 19;1601:92-101. doi: 10.1016/j.brainres.2015.01.019. Epub 2015 Jan 15.

2. Dasdag et al., [Effects Of 2.4 Ghz Radiofrequency Radiation Emitted From Wi-Fi Equipment On microRna Expression In Brain Tissue.](#) *Int J Radiat Biol.* 2015 Mar 16:1-26.

3. Bas et al., (2009). [900 MHz electromagnetic field exposure affects qualitative and quantitative features of hippocampal pyramidal cells in adult rat.](#) *Brain Research.* 1265, 178–185.

4. Jing J, Yuhua Z, Xiao-qian Y, Rongping J, Dong-mei G, Xi C. (2012). [The influence of microwave radiation from cellular phone on fetal rat brain.](#) *Electromagn Biol Med* 31(1), 57-66.

5. Naziroğlu M. and Gumral. (2009). [Modulator effects of L-carnitine and selenium on wireless devices \(2.45 GHz\)-induced oxidative stress and electroencephalography records in brain of rat.](#) *Int J Radiat Biol.* 85(8), 680-689..

6. Nittby H, Brun A, Eberhardt J, Malmgren L, Persson BR, Salford LG. (2010). [Effects of microwave radiation upon the mammalian blood-brain barrier.](#) *European Journal of Oncology.* 5, 333-355.

7. Sirav B, Seyhan N. (2011). [Effects of radiofrequency radiation exposure on blood-brain barrier permeability in male and female rats.](#) *Electromagnetic Biology and Medicine.* 30(4), 253-60.

8. Narayanan SN, Kumar RS, Karun KM, Nayak SB, Bhat PG., (2015) [Possible cause for altered spatial cognition of prepubescent rats exposed to chronic radiofrequency electromagnetic radiation.](#) *Metab Brain Dis.* 2015 Oct;30(5):1193-206.

9. Margaritis L.H. et al., 2014. [Drosophila oogenesis as a bio-marker responding to EMF sources.](#) *Electromagn Biol Med.* 33(3): 165-189. <http://www.ncbi.nlm.nih.gov/pubmed/23915130>

10. Papageorgiou C.C. et al, (2011) [Effects of Wi-Fi signals on the p300 component of event-related potentials during an auditory listening task](#) *Journal of Integrative Neuroscience* 10(2):189–202



[Click here to download the SAVE THE GIRLS](#) [Click here to download the SAVE THE BOYS](#)

[A Little Chat Official Music Video: Teens and Safe Technology](#)

Listen to Aspen Jaquet's new song on how to use cellphones more safely.



[POLICY Click here to Download EHT's briefing that details the worldwide precautionary policy and Union/PTA action on wireless.](#)

See also Redmayne M. [International policy and advisory response regarding children's exposure to radio frequency electromagnetic fields \(RF-EMF\)](#). *Electromagn Biol Med*. 2015 Jun 19:1-9.



INTERNATIONAL POLICY BRIEFING
Radiofrequency Radiation in Communities and Schools
Actions by Governments, Health Authorities and Schools Worldwide
Please go to source documents by clicking on the blue underlined hyperlink.

France

[National Legislation "Law on sobriety, transparency, information and consultation for exposure to electromagnetic waves" - passed in 2015.](#)

- **WiFi Banned in Nursery Schools:** WiFi and Wireless devices will be banned in "the spaces dedicated to home, to rest and activities of children under 3 years".
- **WiFi on "OFF" as Default to Minimize Exposures in Schools:** In elementary schools, WiFi routers should be turned off when not in use.
- **Schools Will be Informed:** The school board should be informed when new tech equipment is being installed.